

ABSTRACT OF THE DISCLOSURE

A method for identifying a calling party number of a switching system includes the steps of: checking whether a termination subscriber has registered for a calling party number call-back service when a call set-up is requested; storing the terminated calling party number of an origination subscriber if the termination subscriber has registered for the calling party number call-back service; and announcing the stored calling party number if a calling party number confirming request is received from the termination subscriber. With this method, a calling party number is automatically identified and calling back the origination subscriber can be performed by simple code inputting.